IMPROVEMENTS TO FOOTPATH AND ASPHALTING TO 3RD CROSS,8TH,9TH,10TH MAIN IN JUDICIAL LAYOUT ALLALASANDRA OF YELAHANKA ZONE IN WARD NO-4

SCHEDULE B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Estimated Rates
				In Figures	In Words
1	Removing B.S. slab of Drain and stacking and Refixing stone slabs of drains and pointing in C.M (1:3).	Sqm	1620.00	120.15	Rupees One Hundred and Twenty and Paise Fifteen only
2	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301	Cum	429.00	160.70	Rupees One Hundred and Sixty and Paise Seventy only
3	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete asper specifications.MORTH / Chapter 2	Cum	141.26	188.35	Rupees One Hundred and Eighty Eight and Paise Thirty Five only
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	158.40	4779.00	Rupees Four Thousand Seven Hundred and Seventy Nine and Paise Zero only
5	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	1525.60	924.48	Rupees Nine Hundred and Twenty Four and Paise Forty Eight only

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SCHEDULE B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Estimated Rates
				In Figures	In Words
6	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	94.52	663.12	Rupees Six Hundred and Sixty Three and Paise Twelve only
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.(Data Rate) (For Drain)	Sqm	1855.05	1659.00	Rupees One Thousand Six Hundred and Fifty Nine and Paise Zero only
8	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc.,	Sqm	1080.00	579.96	Rupees Five Hundred and Seventy Nine and Paise
9	KSRRB M300-54. Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete asper specifications.which includes , watering charges & compaction by vibratory roller) MORTH Specification	Cum	608.19	67.82	Rupees Sixty Seven and Paise Eighty Two only

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SCHEDULE B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Estimated Rates
				In Figures	In Words
10	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.	Sqm	1973.95	848.88	Rupees Eight Hundred and Forty Eight Paise Eighty Eight only
11	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5	Sqm	10200.00	2.59	Rupees Two and Paise Fifty Nine only
12	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301	Cum	1125.20	159.52	Rupees One Hundred and Fifty Nine and Paise Fifty Two only
13	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH /	Sqm	2225.00	4.05	Rupees Four and Paise Five only

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SCHEDULE B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Estimated Rates
				In Figures	In Words
14	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	471.40	1121.04	Rupees One Thousand One Hundred and Twenty One and Paise Four only
15	KSRRB 500-6.Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MoRT&H Specification No. 502.	Sqm	2357.00	44.28	Rupees Forty Four and Paise Twenty Eight only
16	KSRRB 500-8. Providing and applying tack coat on prepared block topped surface with primer at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour,HOM of machineries complete as per specifications. MORTH / Chapter 5	Sqm	15426.5	17.93	Rupees Seventeen and Paise Nine Three only

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IMPROVEMENTS TO FOOTPATH AND ASPHALTING TO 3RD CROSS,8TH,9TH,10TH MAIN IN JUDICIAL LAYOUT ALLALASANDRA OF YELAHANKA ZONE IN WARD NO-4

SCHEDULE B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Estimated Rates
				In Figures	In Words
17	KSRRB 500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% bitumen 60/70 grade, contents on prepared surface with specified graded crushed aggregates for base / binder course including loading of material with F.E. loader, heating of binder aggregates and filler in hot mix plant 40 - 60 TPH, transporting the mixed material by tipper and laying with paver finisher to the required level and grade, rolling by power roller to achieve the desired density (but excluding primer / tack coat) to a lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications grading 2. MORTH / Chapter 5	Cum	254.73	9370.17	Rupees Nine Thousand Three Hundred and Seventy and Paise Seventeen only
18	KSRRB M500-19. Providing and laying bituminous concrete 40mm Compacted thickness using crushed aggregates of specified grading, premixed with bituminous binder at 6% of mix and filler, transporting the hot mix to work site, laying with a Mechanical paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (30-45mm compacted thickness (Grading II) 60/70	Cum	413.28	11722.59	Rupees Eleven Thousand Seven Hundred and Twenty Two and Paise Fifty Nine only

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SCHEDULE B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	Estimated Rates
				In Figures	In Words
19	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Nos	3467.00	267.84	Rupees Two Hundred and Sixty Seven and Paise Eighty Four only
20	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	546.00	51.84	Rupees Fifty One and Paise Eighty Four only
21	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	297.50	471.96	Rupees Four Hundred and Seventy One and Paise Ninety Six only

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